Cooktop Ventilation Hoods

Installation Instructions

WOLF®

As you follow these instructions, you will notice WARNING and CAUTION symbols. This blocked information is important for the safe and efficient installation of Wolf equipment. There are two types of potential hazards that may occur during installation.

⚠ CAUTION

signals a situation where minor injury or product damage may occur if you do not follow instructions.

⚠ WARNING

states a hazard that may cause serious injury or death if precautions are not followed.

Another footnote we would like to identify is IMPORTANT NOTE: This highlights information that is especially relevant to a problem-free installation.

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INSTALLATION REQUIREMENTS

IMPORTANT NOTE: This installation must be completed by a qualified installer or Wolf authorized service center technician.

- **Installer:** Please read the entire Installation Instructions prior to installation. Save these instructions for the local inspector's reference, then leave them with the homeowner.
- **Homeowner:** Please read and keep these instructions for future reference and be sure to read the entire Use & Care Information prior to use.

Any questions or problems about the installation should be directed to your Wolf dealer or Wolf Appliance Company, LLC at 800-332-9513. You can also visit our website at wolfappliance.com.

IMPORTANT NOTE: This appliance must be installed in accordance with National Electrical Codes, as well as all state, municipal and local codes. The correct voltage, frequency and amperage must be supplied to the appliance from a dedicated, grounded circuit which is protected by a properly sized circuit breaker or time delay fuse. The proper voltage, frequency, and amperage ratings are listed on the product rating plate.

Record the model and serial numbers before installing the cooktop ventilation hood. Both numbers are listed on the rating plate, located on the inside left-hand wall of the hood, above the filter.

Model Number _____

Serial Number _____

BEFORE YOU START

IMPORTANT NOTE: Wolf cooktop wall and island hood are recommended for use with Wolf electric and gas cooktops and integrated modules. They are NOT recommended for use with Wolf dual fuel ranges, gas ranges and rangetops. Any violation of this application may void your warranty for one or both products.

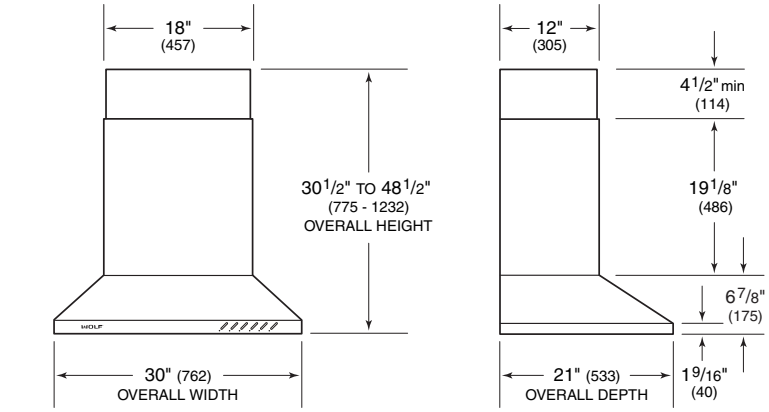
- Proper installation is the responsibility of the installer. Product failure due to improper installation is not covered under the Wolf Warranty. Refer to the Cooktop Ventilation Hoods Use & Care Information for warranty details, or visit the Contact/Help section of our website, wolfappliance.com.
- Make sure you have the tools and materials necessary for proper installation.
- Any required service must be performed by a Wolf authorized service center. Wolf is not responsible for service required to correct a faulty installation.

IMPORTANT NOTE: Wolf cooktop wall and island hoods are shipped without the blower assembly. Wolf internal or remote blower assemblies are available; refer to page 12. Use only a Wolf blower with the cooktop ventilation hood.

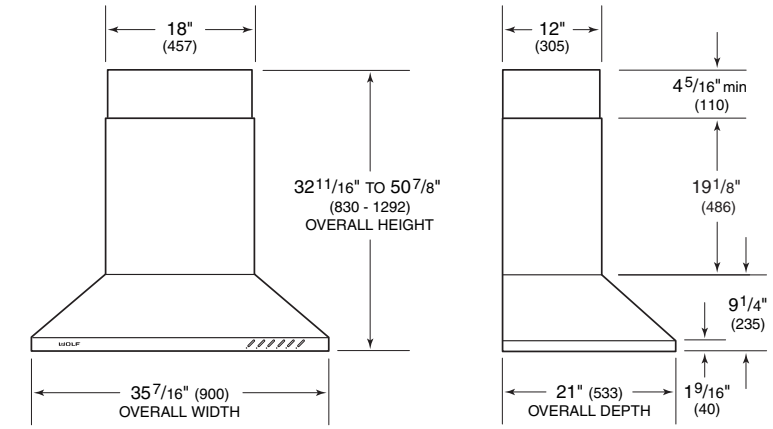
CONTACT INFORMATION

Wolf Customer Service: 800-332-9513

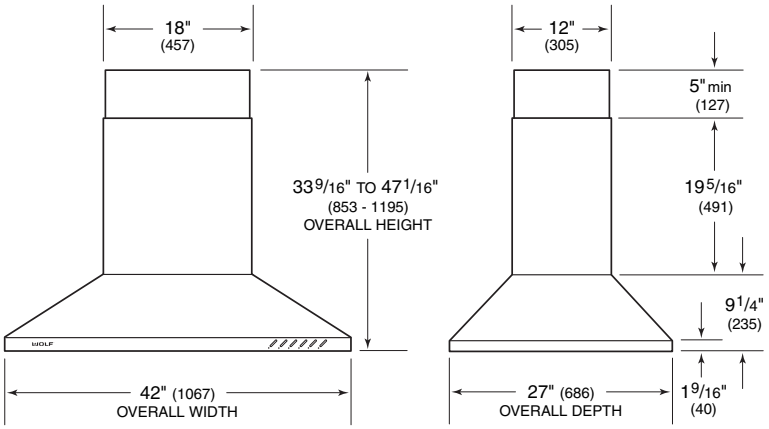
Website: wolfappliance.com



Model CTWH30 Wall Hood



Model CTWH36 Wall Hood



Model IH4227 Island Hood

OVERALL DIMENSIONS

MODEL CTWH30

Overall Width	30" (762)
Overall Height (excluding chimney)	6 7/8" (175)
Overall Height (including chimney)	30 1/2" (775)
Max Height (full extension)	48 1/2" (1232)
Overall Depth	21" (533)
Shipping Weight (shell only)	85 lbs (39 kg)

Dimensions may vary to ± 1/8" (3).

MODEL CTWH36

Overall Width	35 7/16" (900)
Overall Height (excluding chimney)	9 1/4" (235)
Overall Height (including chimney)	32 11/16" (830)
Max Height (full extension)	50 7/8" (1292)
Overall Depth	21" (533)
Shipping Weight (shell only)	100 lbs (45 kg)

Dimensions may vary to ± 1/8" (3).

MODEL IH4227

Overall Width	42" (1067)
Overall Height (excluding chimney)	9 1/4" (235)
Overall Height (including chimney)	33 9/16" (853)
Max Height (full extension)	47 1/16" (1195)
Overall Depth	27" (686)
Shipping Weight (shell only)	110 lbs (50 kg)

Dimensions may vary to ± 1/8" (3).

Dimensions in parentheses are in millimeters unless otherwise specified.

HOOD PLACEMENT

Wolf cooktop wall and island hoods come with a telescopic chimney flue that allows you to reach a ceiling height of 8' (2.4 m) to 9' (2.7 m) with a finished look. A flue extension to accommodate 10' (3 m) ceilings is available. Refer to page 12 for optional accessories.

Installation of the cooktop wall or island hood should be 24" (610) to 30" (762) from the bottom of the hood to the countertop.

IMPORTANT NOTE: 8' (2.4 m) ceilings may not permit installation of the wall or island hood at 30" (762) above the countertop.

To determine placement of the wall or island hood, you must calculate the height of the telescopic chimney flue. Refer to the chart and illustration below.

IMPORTANT NOTE: Both sections of the telescopic chimney flue must be installed in order for the chimney to be lifted for service.

CALCULATE CHIMNEY FLUE HEIGHT

1) First measure **A** (total kitchen height from finished floor to finished ceiling height).
2) Next measure **B** (height from finished floor to countertop).
3) Then determine the minimum **C** value (distance from countertop to bottom of hood). Refer to the chart below for ceiling heights from 8' (2.4 m) to 9' (2.7 m). Dimension **C** must be greater than 24" (610) and less than 30" (762).
4) To determine the upper flue section height: **E=A-(C+B+D)**.

IMPORTANT NOTE: If dimension **E** falls between 0" (0) and 1/2" (13), you will need to modify the flue to affix to the flue attachment brackets. For ease of installation, Wolf recommends that dimension **E** be no less than 1/2" (13).

ACCESSORIES

Optional accessories are available through your Wolf dealer. To obtain local dealer information, visit the Locator section of our website, wolfappliance.com.

Model CTWH30 Wall Hood

(A)	(B)	(C)	(D)	(E)	(F)
96" (2438)	36" (914)	24" (610) min	30 1/2" (775)	5 1/2" (140)	48 1/2" (1232)
96" (2438)	36" (914)	29 1/2" (749) max	30 1/2" (775)	0"	48 1/2" (1232)
108" (2743)	36" (914)	24" (610) min	30 1/2" (775)	17 1/2" (445)	48 1/2" (1232)
108" (2743)	36" (914)	30" (762) max	30 1/2" (775)	11 1/2" (292)	48 1/2" (1232)

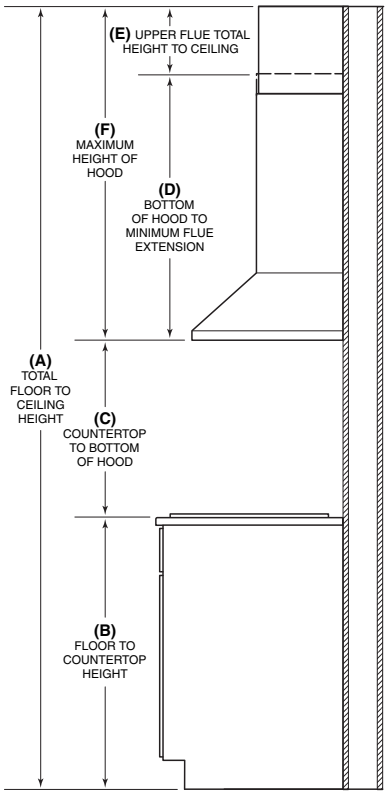
Model CTWH36 Wall Hood

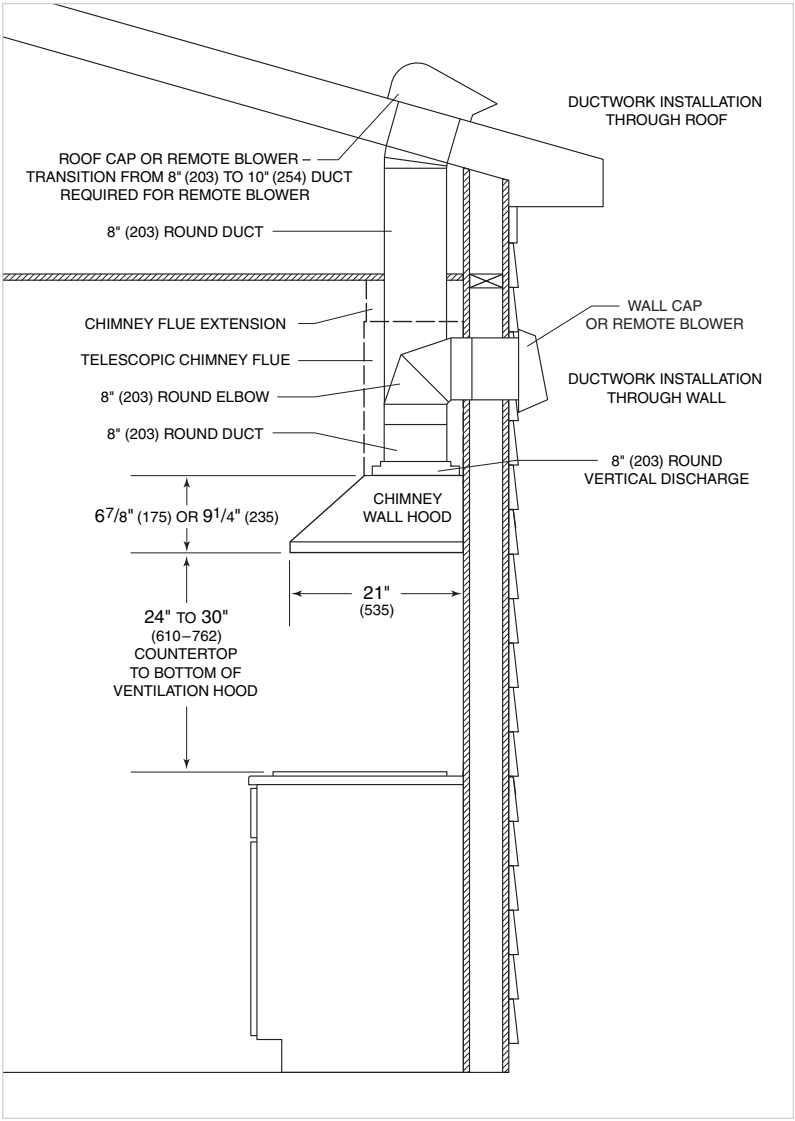
(A)	(B)	(C)	(D)	(E)	(F)
96" (2438)	36" (914)	24" (610) min	32 11/16" (830)	3 5/16" (84)	50 7/8" (1292)
96" (2438)	36" (914)	27 5/16" (694) max	32 11/16" (830)	0"	50 7/8" (1292)
108" (2743)	36" (914)	24" (610) min	32 11/16" (830)	15 7/16" (392)	50 7/8" (1292)
108" (2743)	36" (914)	30" (762) max	32 11/16" (830)	9 5/16" (237)	50 7/8" (1292)

Model IH4227 Island Hood

(A)	(B)	(C)	(D)	(E)	(F)
96" (2438)	36" (914)	24" (610) min	33 9/16" (853)	2 7/16" (62)	47 1/16" (1195)
96" (2438)	36" (914)	26 7/16" (672) max	33 9/16" (853)	0"	47 1/16" (1195)
108" (2743)	36" (914)	24" (610) min	33 9/16" (853)	14 7/16" (367)	47 1/16" (1195)
108" (2743)	36" (914)	30" (762) max	33 9/16" (853)	8 7/16" (214)	47 1/16" (1195)

Letters correspond to those in the illustration.


(E) UPPER FLUE TOTAL HEIGHT TO CEILING
(F) MAXIMUM HEIGHT OF HOOD
(D) BOTTOM OF HOOD TO MINIMUM FLUE EXTENSION
(A) TOTAL FLOOR TO CEILING HEIGHT
(C) COUNTERTOP TO BOTTOM OF HOOD
(B) FLOOR TO COUNTERTOP HEIGHT



Wall hood installation

MOUNTING HARDWARE INCLUDED

- (10) Drywall anchors
- (10) Hood mounting screws .19" (5) x 1.5" (38)
- (2) Flue attachment screws .15" (4) x .37" (10)
- (2) Flue attachment brackets
- (2) Hood attachment brackets
- (4) Hood attachment screws .15" (4) x .37" (10)

The wall hood mounting kit (803735) is also available from your Wolf Dealer.

WALL HOOD INSTALLATION

INSTALL DUCTWORK

⚠ WARNING

To reduce the risk of fire, use only metal ductwork.

IMPORTANT NOTE: Consult a qualified HVAC Engineer for specific ducting applications.

Decide where the ductwork will run between the hood and the outside. A straight, short duct run will allow the hood to perform more efficiently. Limit the number of elbows and transitions to as few as possible. Long duct runs, elbows and transitions will reduce the performance of the hood. Wolf recommends the maximum linear duct run be no greater than 50' (15 m). Always use metal ducting. Do not use flex ducting.

IMPORTANT NOTE: All hoods must exhaust to the outdoors.

IMPORTANT NOTE: There is a possibility of noise issues, when using a remote blower with a short duct run.

Wolf recommends installing a backdraft damper in all installations. A backdraft damper is included with the hood. It is built into the transition from the hood to the duct run. In cold weather installations a backdraft damper is necessary to minimize the backflow of cold air into the room.

If you are not installing a remote blower, always install a roof or wall cap. Connect 8" (203) round metal ductwork to the cap and work back towards the hood location. Use duct tape to seal joints between ductwork sections.

Local building codes may require the use of make-up air. Consult your local HVAC professional for specific requirements in your area.

⚠ CAUTION

To reduce the risk of fire and electric shock, install this ventilation hood only with a Wolf blower. Blower part numbers 801640, 801641, 801642, 801643, 801644, 801645 and 804701.

Dimensions in parentheses are in millimeters unless otherwise specified.

WALL HOOD INSTALLATION

ELECTRICAL REQUIREMENTS

Wolf cooktop wall hoods require a separate, grounded 110/120 V AC, 60 Hz power supply. The service should have its own 15 amp circuit breaker. Locate the electrical supply with a minimum of 12" (305) of 120 V AC power cable within the shaded area shown in the illustration below.

You must follow all National Electrical Code regulations. In addition, be aware of local codes and ordinances when installing your service.

INSTALL BACKSPLASH

If an optional backsplash is to be used, attach it to the finished wall. Secure the hood mounting brackets to the wall studs prior to installing the backsplash. Refer to page 12 for optional accessories.

INSTALL MOUNTING BRACKETS

Construct wood wall framing that is flush with the interior surface of the wall studs. Make sure that the framing is centered in the hood installation location, and that the height of the framing will allow the mounting brackets to be secured to the framing within the dimensions shown in the illustration below.

After the wall surface is finished, secure the mounting brackets to the framing using the dimensions shown.

INSTALL THE HOOD

Hang the hood from the brackets through the rectangular cut-outs on the back of the hood. The cut-outs are larger than the brackets to allow for vertical and horizontal adjustment.

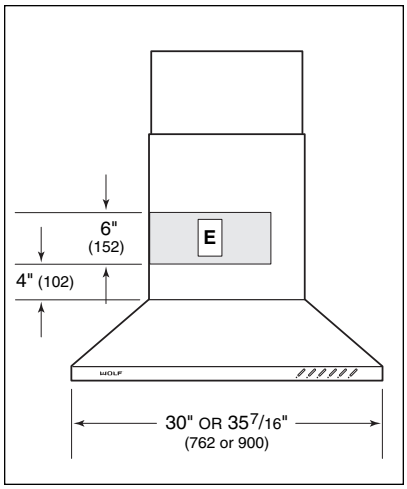
Keep in mind that the bottom of the hood should be 24" (610) to 30" (762) above the countertop.

Use height adjustment screws to adjust the hood vertically and the depth adjustment screws to adjust the hood horizontally.

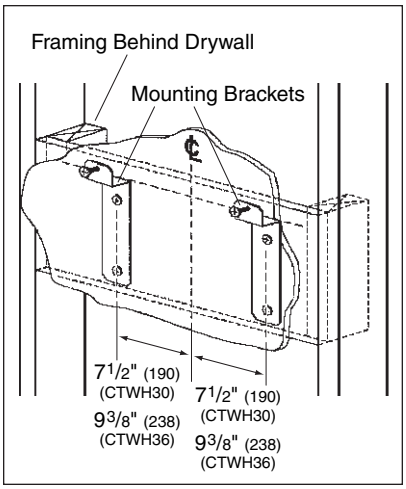
Secure the hood with additional mounting screws. If wall studs or framing are not available in the proper location, use the drywall anchors provided with the hood

ACCESSORIES

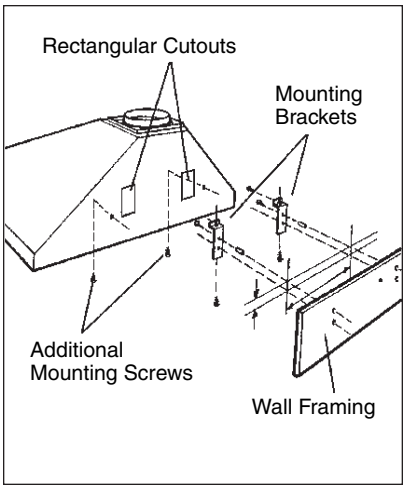
Optional accessories are available through your Wolf dealer. To obtain local dealer information, visit the Locator section of our website, wolfappliance.com.



Electrical supply location



Mounting bracket installation



Hood installation

WALL HOOD INSTALLATION

IMPORTANT NOTE

You must follow all National Electrical Code regulations. In addition, be aware of local codes and ordinances when installing your service.

ELECTRICAL CONNECTIONS

IMPORTANT NOTE: This ventilation hood must be properly grounded. This unit should be installed by a qualified electrician in accordance with all applicable national and local electrical codes.

Remove the cover from the rear electrical box. Remove the electrical box knockout that faces the hood's discharge collar.

Insert 6" (152) of 120 V AC power cable through the knockout opening. Secure the cable to the electrical box with an appropriate connector.

Make electrical connections. Connect black to black, white to white and green/yellow to green or bare wire. Refer to the illustration below.

Reinstall the electrical box cover and screws. Make sure that all wires are secure and that no wires are pinched between the cover and box.

Refer to page 13 for internal blower installation guidelines and remote blower wiring.

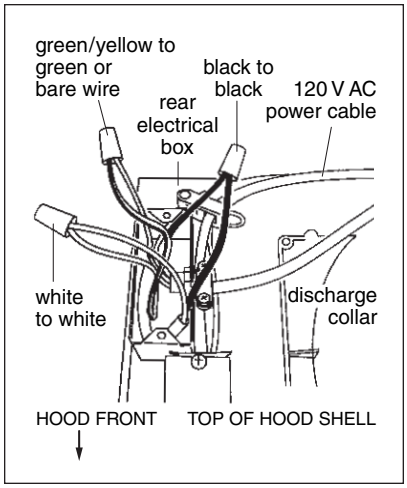
CONNECT DUCTWORK

Use the screws and wall anchors provided to secure the upper brackets to the ceiling. Position the upper brackets based on the dimension of the telescopic chimney flue.

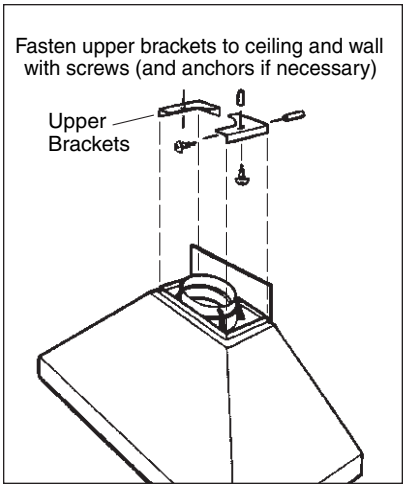
Use an 8" (203) round metal duct to connect the duct collar on the hood to the ductwork above. Use duct tape to make all joints secure and air tight.

Connect the upper section of the telescopic chimney flue to the brackets with the screws provided.

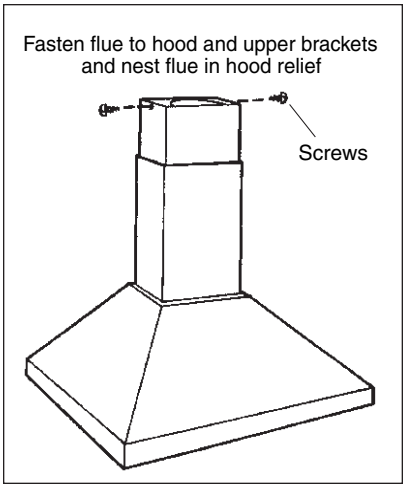
Nest the bottom of the telescopic chimney flue into the relief in the hood shell.



Electrical connections



Upper bracket installation



Telescopic chimney flue installation

ISLAND HOOD INSTALLATION

INSTALL DUCTWORK

⚠ WARNING

To reduce the risk of fire, use only metal ductwork.

IMPORTANT NOTE: Consult a qualified HVAC Engineer for specific ducting applications.

Decide where the ductwork will run between the hood and the outside. A straight, short duct run will allow the hood to perform more efficiently. Limit the number of elbows and transitions to as few as possible. Long duct runs, elbows and transitions will reduce the performance of the hood. Wolf recommends the maximum linear duct run be no greater than 50' (15 m). Always use metal ducting. Do not use flex ducting.

IMPORTANT NOTE: All hoods must exhaust to the outdoors.

IMPORTANT NOTE: There is a possibility of noise issues, when using a remote blower with a short duct run.

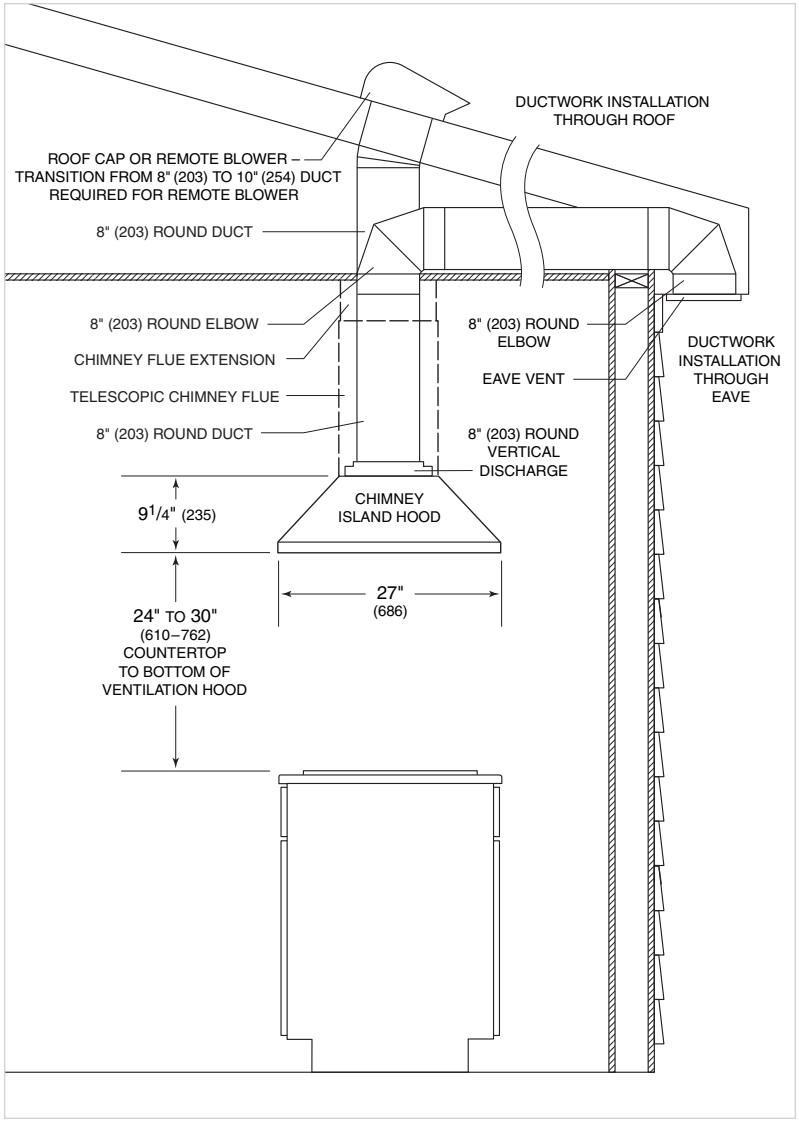
Wolf recommends installing a backdraft damper in all installations. A backdraft damper is included with the hood. It is built into the transition from the hood to the duct run. In cold weather installations a backdraft damper is necessary to minimize the backflow of cold air into the room.

If you are not installing a remote blower, always install a roof or wall cap. Connect 8" (203) round metal ductwork to the cap and work back towards the hood location. Use duct tape to seal joints between ductwork sections.

Local building codes may require the use of make-up air. Consult your local HVAC professional for specific requirements in your area.

⚠ CAUTION

To reduce the risk of fire and electric shock, install this ventilation hood only with a Wolf blower. Blower part numbers 801640, 801641, 801642, 801643, 801644, 801645 and 804701.


DUCTWORK INSTALLATION THROUGH ROOF
ROOF CAP OR REMOTE BLOWER – TRANSITION FROM 8" (203) TO 10" (254) DUCT REQUIRED FOR REMOTE BLOWER
8" (203) ROUND DUCT
8" (203) ROUND ELBOW
CHIMNEY FLUE EXTENSION
TELESCOPIC CHIMNEY FLUE
8" (203) ROUND DUCT
8" (203) ROUND ELBOW
EAVE VENT
8" (203) ROUND VERTICAL DISCHARGE
DUCTWORK INSTALLATION THROUGH EAVE
CHIMNEY ISLAND HOOD
9 1/4" (235)
27" (686)
24" TO 30" (610–762) COUNTERTOP TO BOTTOM OF VENTILATION HOOD

Island hood installation

MOUNTING HARDWARE INCLUDED

- (4) Drywall anchors
- (4) Hood mounting screws .19" (5) x 1.5" (38)
- (4) Nuts M6 x 16
- (4) Washers .25" (6) x .5" (13)
- (4) Mounting screws .15" (4) x .37" (10)
- (4) Washers .17" (5) x .6" (16)

Dimensions in parentheses are in millimeters unless otherwise specified.

ISLAND HOOD INSTALLATION

ELECTRICAL REQUIREMENTS

The Wolf cooktop island hood requires a separate, grounded 110/120 V AC, 60 Hz power supply. The service should have its own 15 amp circuit breaker. Locate the electrical supply with a minimum of 6' (1.8) of 120 V AC power cable on the ceiling through the top of the hood.

You must follow all National Electrical Code regulations. In addition, be aware of local codes and ordinances when installing your service.

INSTALL SUPPORT SYSTEM

At the island hood installation location, install two-by-four or 3/4" (19) plywood cross framing between ceiling joists. Refer to the island hood mounting pattern dimensions below.

Finish the ceiling surface. Be sure to mark the location of the ceiling joists and cross framing.

Determine the desired orientation of the island hood. Note that the front designates the control side of the hood.

Secure the upper half of the support frame to the joists and cross framing with four screws provided with your hood. Make sure that the screws are driven into the center of the joists and framing for maximum strength. Ensure the correct orientation of the support frame.

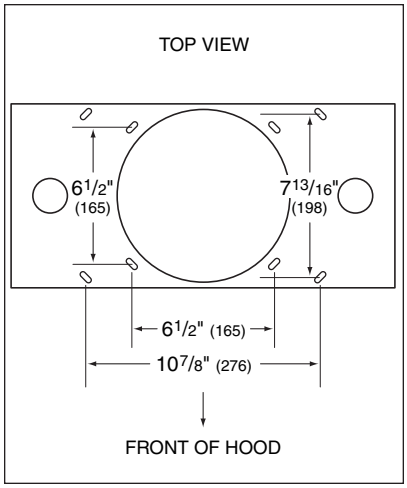
Adjust the overall height of the support frame. Loosen and retighten the screws in the height adjustment slots as necessary. Refer to the illustration below.

IMPORTANT NOTE: The hood height is 11 1/4" (286) from the support frame attachment point. The bottom of the hood must be 24" (610) minimum and 30" (762) maximum from the countertop.

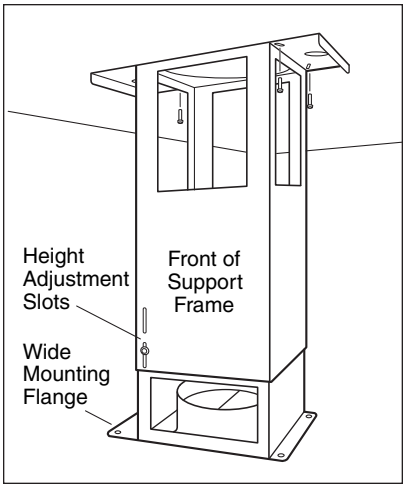
CONNECT DECORATIVE FLUE

Secure the upper telescopic chimney flue section to the upper support frame. Refer to the illustration below.

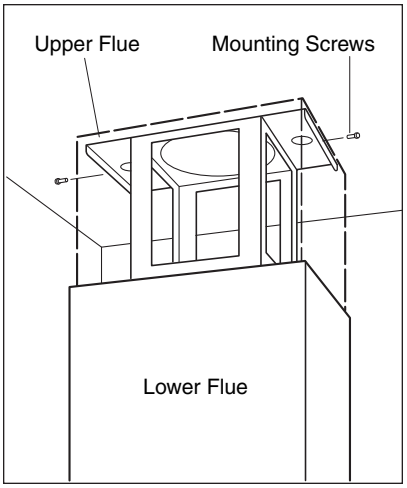
Temporarily hold the lower telescopic chimney flue section over the upper flue section.



Island hood mounting patterns



Support frame orientation



Connect upper telescopic flue

ISLAND HOOD INSTALLATION

MOUNT HOOD TO SUPPORT FRAME

Mount the hood to the support frame by aligning the four weld screws on the hood to the four holes on the support frame. Use four nuts to secure the hood to the support frame. Refer to the illustration below.

Nest the bottom of the telescopic chimney flue into the relief in the hood shell. Make electrical connections.

ELECTRICAL CONNECTIONS

IMPORTANT NOTE: This ventilation hood must be properly grounded. This unit should be installed by a qualified electrician in accordance with all applicable national and local electrical codes.

Remove the cover from the rear electrical box. Remove the electrical box knockout that faces the hood's discharge collar.

Insert 6" (152) of 120 V AC power cable through the knockout opening. Secure the cable to the electrical box with an appropriate connector.

Make electrical connections. Connect black to black, white to white and green/yellow to green or bare wire. Refer to the illustration below.

Reinstall the electrical box cover and screws. Make sure that all wires are secure and that no wires are pinched between the cover and box.

Refer to page 13 for internal blower installation guidelines and remote blower wiring.

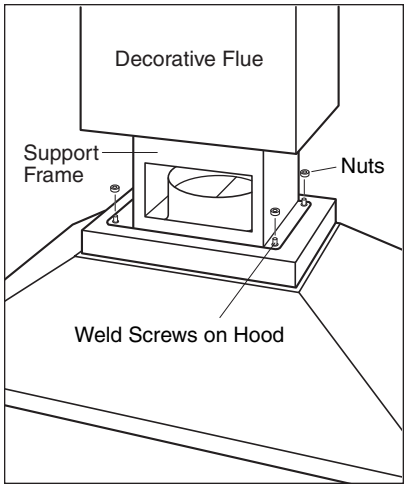
CONNECT DUCTWORK

Use an 8" (203) round metal duct to connect the duct collar on the hood to the ductwork above. Use duct tape to make all joints secure and air tight.

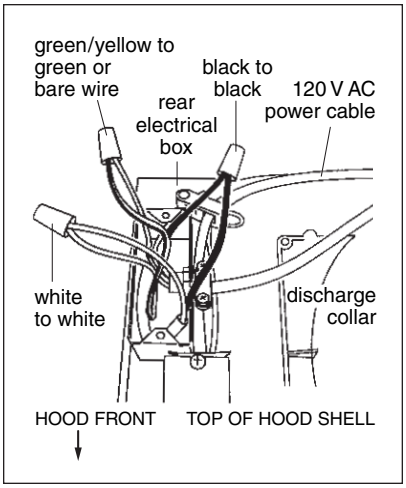
Slide the lower telescopic chimney flue section downward until it fits properly around the hood shell.

IMPORTANT NOTE

You must follow all National Electrical Code regulations. In addition, be aware of local codes and ordinances when installing your service.



Mount island hood to support frame



Electrical connections

Dimensions in parentheses are in millimeters unless otherwise specified.

ACCESSORIES

Optional accessories are available through your Wolf dealer. To obtain local dealer information, visit the Locator section of our website, wolfappliance.com.

BLOWER ASSEMBLIES

Wolf cooktop wall and island hoods are shipped without the blower assembly. Wolf internal or remote blower assemblies are available as sales accessories through your Wolf dealer.

IMPORTANT NOTE: Blower options vary with the cooking surface. Use only a Wolf blower with the cooktop ventilation hood.

INTERNAL BLOWERS

- **801643 – (CTBLOWER-45INT)**
  450 CFM internal blower for use with the 30" (762) wall hood.
- **801644 – (CTBLOWER-60INT)**
  600 CFM internal blower for use with the 36" (914) wall hood or island hood.
- **801645 – (CTBLOWER-90INT)**
  900 CFM internal blower for use with the 36" (914) wall hood or island hood.

REMOTE BLOWERS

- **801640 – (CTBLOWER-60REM)**
  600 CFM remote blower for use with wall hoods or island hood.
- **801641 – (CTBLOWER-90REM)**
  900 CFM remote blower for use with wall hoods or island hood.
- **801642 – (CTBLOWER-120REM)**
  1200 CFM remote blower for use with wall hoods or island hood.
- **804701 – (CTBLOWER-150REM)**
  1500 CFM remote blower for use with wall hoods or island hood.

IMPORTANT NOTE: Some Wolf ventilation hoods require the use of a separate power cord and strain relief bushing (included with the blower) for proper wiring of remote blowers. Models CTWH30, CTWH36 and IH4227 do not require this installation; the power cord and strain relief bushing may be discarded.

VENTILATION HOOD **ACCESSORIES**

Optional accessories for the Wolf cooktop wall and island hoods are available through your Wolf dealer. To obtain local dealer information, visit the Locator section of our website, wolfappliance.com.

WALL SHIELDS

- **801633 – (CTWALLSHIELD30)**
  30" (762) stainless steel wall shield for use with wall hoods.
- **801634 – (CTWALLSHIELD36)**
  36" (914) stainless steel wall shield for use with wall hoods.

FLUE EXTENSIONS

- **801635 – (CTFLUEEXT)**
  Flue extension for use with wall hoods. Allows you to increase the height of your wall hood to accommodate 10' (3 m) ceilings.
- **801639 – (IHFLUEEXT)**
  Flue extension for use with the island hood. Allows you to increase the height of your island hood to accommodate 10' (3 m) ceilings.

Dimensions in parentheses are in millimeters unless otherwise specified.

INTERNAL BLOWERS

INTERNAL BLOWER INSTALLATION

IMPORTANT NOTE: For mounting and installation of the internal blower, refer to the specific installation instructions provided with each blower.

1) Remove the hood filters.
2) Lift the blower into position inside the hood.
3) Use four hex nuts provided with the blower to fasten the unit to four threaded studs.
4) Plug the blowers' single power cord (double for 900 CFM) into the receptacle(s) inside the hood. Use the clip on the hood to keep excess power cord away from moving parts.
5) Reinstall the hood filters.

IMPORTANT NOTE: Before turning the power on, make sure the blower is in the OFF position.

REMOTE BLOWERS

REMOTE BLOWER INSTALLATION

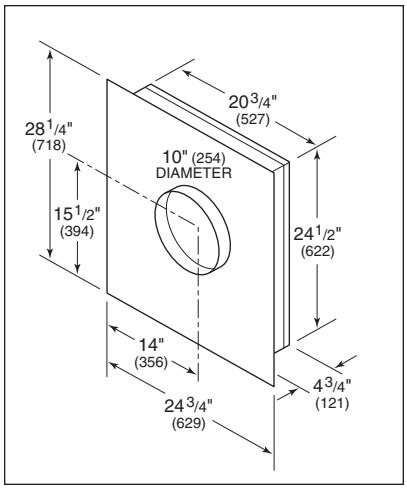
IMPORTANT NOTE: For mounting and installation of the remote blower, refer to the specific installation instructions provided with each blower.

Locate the remote blower so that the length of the duct run and number of elbows and transitions are kept to a minimum. Wolf recommends the maximum linear duct run be no greater than 50' (15 m). If possible, the blower should be located between wall studs or roof rafters.

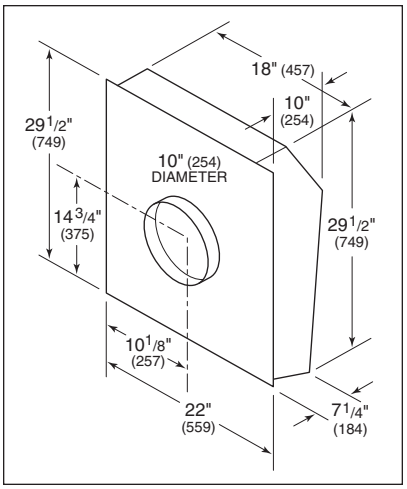
Refer to the illustrations below for overall dimensions of Wolf remote blowers. Refer to installation instructions provided with each blower to verify wall or roof cut-outs.

Avoid pipes, wires or other ductwork that may be running through the wall.

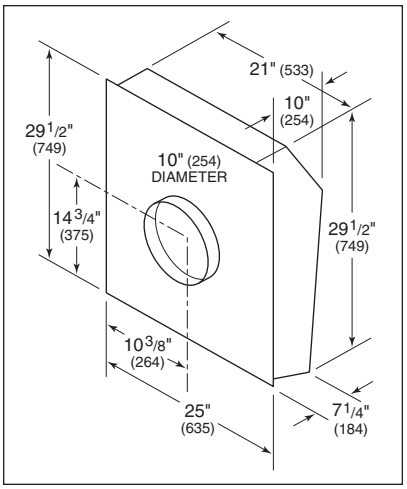
Be sure that there is enough space for any transitions that may be needed between the blower and the connecting ductwork. For best performance, locate transitions nearest the blower.



Remote blower dimensions – 600 CFM (801640) and 900 CFM (801641)



Remote blower dimensions – 1200 CFM (801642)



Remote blower dimensions – 1500 CFM 804701)

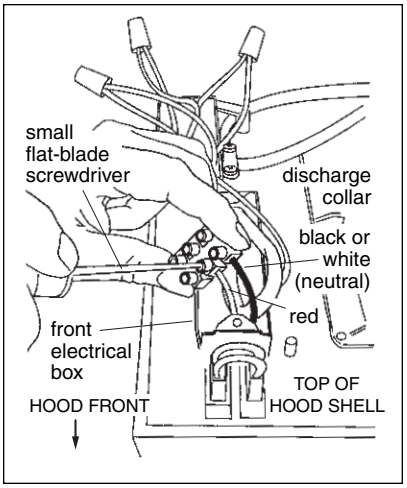
REMOTE BLOWERS

REMOTE BLOWER WIRING

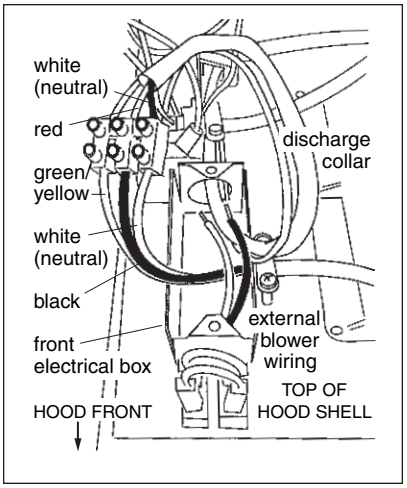
1) Remove the cover from the front of the electrical box. Remove the electrical box knockout that faces the hood's discharge collar.
2) Disconnect the red and black or white wires using a flat-blade screwdriver. Refer to illustration A below.
3) Insert 6" (152) of the remote blower wiring through the knockout opening. Secure the cable to the electrical box with an appropriate connector. Use wire connectors or wire nuts approved by UL or C/UL.
4) Attach the remote blower wiring where the wires were removed in step 2. Refer to illustration B below.

   IMPORTANT NOTE: Note location of wire colors.
5) Reinstall the electrical box cover and screws. Make sure that all wires are secure and that no wires are pinched between the cover and box.

IMPORTANT NOTE: Before turning the power on to the ventilation hood, make sure the blower is in the OFF position.



Remote blower wiring A



Remote blower wiring B

TROUBLESHOOTING

IMPORTANT NOTE: If the cooktop ventilation hood does not operate properly, follow these troubleshooting steps:

- Verify that power is being supplied to the ventilation hood.
- Check electrical connections to ensure that the installation has been completed correctly.
- Refer to the Troubleshooting Guide in the Wolf Cooktop Ventilation Hoods Use & Care Information.
- If the ventilation hood still does not work, contact a Wolf authorized service center. Do not attempt to repair the ventilation hood yourself. Wolf is not responsible for service required to correct a faulty installation.

IF YOU NEED SERVICE

- Maintain the quality built into your cooktop ventilation hood by calling a Wolf authorized service center.
- For the name and number of the Wolf authorized service center nearest you, check the Locator section of our website, **wolfappliance.com**, or call Wolf Customer Service at **800-332-9513**.
- When calling for service, you will need the model and serial number of your ventilation hood. This information is found on the rating plate located on the inside left-hand wall of the hood, above the filter.

CONTACT INFORMATION

Wolf Customer Service:
800-332-9513

Website:
wolfappliance.com

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